



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

here application of

akeshi OHNO et al.

Serial No. 10/649,723

Filed August 28, 2003

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: **Attn: APPLICATION BRANCH**

: Attorney Docket No. 2003_1241A

DIELECTRIC LOADED ANTENNA APPARATUS
WITH INCLINED RADIATION SURFACE
AND ARRAY ANTENNA APPARATUS
INCLUDING THE DIELECTRIC LOADED
ANTENNA APPARATUS

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicant requests consideration of the references listed on attached form PTO-1449. A legible copy of each reference listed on the form PTO-1449 is enclosed.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing date of the first Office Action on the merits,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.


4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:

a. ☐ a full or partial English language translation submitted herewith,

- b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☒ the concise explanation (**for references AJ and AO**) are contained in the specification of the present application at pages 1-2,
 - d. ☒ the concise explanation set forth in the attached English language abstracts,
 - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Takeshi OHNO et al.

By 

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November 26, 2003

FORM PTO 1449 (modified)

ATTY DOCKET NO.
2003_1241ASERIAL NO.
10/649,723U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: November 26, 2003

APPLICANT
Takeshi OHNO et al.FILING DATE
August 28, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2002-185240 /	6/2002	JP			Abstract
	AK	2000-278030	10/2000	JP			Abstract
	AL	3-139903 /	6/1991	JP			Abstract
	AM						
	AN						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	Tetsuo Tsugawa et al., entitled "FAT DIELECTRIC LOADED ANTENNA", Proceedings of 1999 IEICE (The Institute of Electronics, Information and Communications Engineers in Japan) General Convention, B-1-119, pp. 119, issued by IEICE, March 1999, (with partial English translation attached).
AP	
AQ	

EXAMINER

DATE CONSIDERED